

STATUS OF CLAIMS

Claims 1–5 are pending.

Claim 5 has been amended without prejudice herein.

REMARKS

Applicant's attorneys thank the Examiner for the courtesy of the telephone conference on August 7, 2006 in regard to amending the drawings and present Claim 5 to place the application in condition for allowance. In furtherance of the telephone conference, Applicant has amended figures 3, 4, 5, 6 and 7 of the drawings to include the label "Prior Art". This is consistent with the specification's description of figures 3-4 as illustrating first and second known solutions for limiting the false contour effects, and the description of figures 5-7 as illustrating a third known solution called GCC coding. In view of the foregoing amendments to the drawings, this objection is deemed moot.

With regard to the claims, Applicant acknowledges the Examiner's indication that Claims 1-4 as presently appearing are in condition for allowance. With regard to independent system Claim 5, Applicant has amended Claim 5 to recite structural features associated with a system for coding a video image system for a plasma display panel. The system of Claim 5 implements the method of Claim 1 and comprises a coding module responsive to a video signal for coding the video image to provide coded video image data at an output thereof, wherein a plurality of cells are arranged in rows and columns, and wherein the video levels of the pixels of the image are defined by n-bit video words, each bit, depending on its state,

illuminating or not illuminating the cell to which it is addressed for a specific time called the subfield. For video levels GL1 and GL2 to be displayed by a pair of cells situated in the same column and in two adjacent rows of the panel, video words VW1 and VW2 are selected via the coding module, the words comprising at least one common bit addressed simultaneously to the two cells at the moment of displaying the image and corresponding to levels equal or approximately equal to the video levels GL1 and GL2 such that, if $GL1 > GL2$, then the temporal centre of gravity of the illumination generated by the video word VW1 is greater than that generated by the video word VW2 below a predetermined video level. Support for amended Claim 5 may be found in FIGs. 10-11 of the drawings and the accompanying portions of the specification on pages 19-21, for example.

In view of the foregoing amendments, Applicant submits that the present claims fully meet the requirements of 35 USC 112. Allowance of this application is respectfully requested.

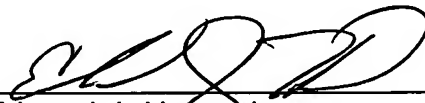
CONCLUSION

In view of the foregoing, Applicant believes he has addressed all outstanding grounds raised in the present office action, and respectfully submits the present case is in condition for allowance, early notification of which is earnestly solicited.

Should there be any questions or outstanding matters, the Examiner is cordially invited and requested to contact Applicant's undersigned attorney at his number listed below.

Respectfully submitted,

Dated: October 16, 2006



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AMENDMENTS TO THE DRAWINGS

Please amend figures 3, 4, 5, 6 and 7 of the drawings to include the label "Prior Art".